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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/714,639	11/18/2003	Takashi Takizawa	Q77768	3272
23373 759	00 12/29/2005		EXAMINER	
SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037			JENKINS, JERMAINE L	
			ART UNIT	PAPER NUMBER
			2855	
		DATE MAILED: 12/29/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
Office Action Commence	10/714,639	TAKIZAWA ET AL.					
Office Action Summary	Examiner	Art Unit					
	Jermaine Jenkins	2855					
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with th	e correspondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA  - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period of the specified period for reply within the set or extended period for reply will, by statute any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATI 36(a). In no event, however, may a reply b will apply and will expire SIX (6) MONTHS for a cause the application to become ABANDO	ION.  e timely filed  from the mailing date of this communication.  DNED (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on <u>03 O</u>	<u>ctober 2005</u> .						
,_	This action is FINAL. 2b)⊠ This action is non-final.						
	—						
closed in accordance with the practice under E	Ex parte Quayle, 1935 C.D. 11	, 453 O.G. 213.					
Disposition of Claims							
4)⊠ Claim(s) <u>1-30 and 35-65</u> is/are pending in the application.							
4a) Of the above claim(s) 31-34 is/are withdraw	4a) Of the above claim(s) 31-34 is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.	5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>1,4,24,26,27 and 35</u> is/are rejected.							
7) Claim(s) 2,3,5-23,25,28-34 and 36-65 is/are of							
8) Claim(s) are subject to restriction and/o	i election requirement.						
Application Papers		•					
9)☐ The specification is objected to by the Examine		•					
10)☐ The drawing(s) filed on is/are: a)☐ acc							
Applicant may not request that any objection to the							
Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex							
Priority under 35 U.S.C. § 119							
12) ☐ Acknowledgment is made of a claim for foreign a) ☐ All b) ☐ Some * c) ☐ None of:	priority under 35 U.S.C. § 119	9(a)-(d) or (f).					
1. Certified copies of the priority documents have been received.							
2. Certified copies of the priority document	ts have been received in Applic	cation No					
<ol><li>Copies of the certified copies of the prior</li></ol>	rity documents have been reco	eived in this National Stage					
application from the International Burea							
* See the attached detailed Office action for a list	of the certified copies not rece	eived.					
Attachment(s)							
1) Notice of References Cited (PTO-892)	4) Interview Summ	nary (PTO-413)					
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Ma						
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  Paper No(s)/Mail Date	6) Other:	iai i atent Application (i 10-132)					

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# **DETAILED ACTION**

# Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1, 4, 24, 26, 27 & 35 are rejected under 35 U.S.C. 102(b) as being anticipated by Oohata et al (5,291,788).

In regards to claims 1, 4 & 35, Oohata et al teaches a semiconductor pressure sensor having a substrate (111) comprising a first surface and a second surface opposite to the first surface (See Figure 3A; a first surface being the side where the pressure comes from the pressure path (125) and the second side being the side where the pressure sensors (135A and 135B) are placed), a diaphragm (117) formed in the substrate and arranged to be displaceable by a pressure medium acting on the first surface of the substrate (111) (Column 7, lines 12-19), and a sensor (135A & 135B) arranged on the second surface of the substrate (111) to detect displacement of the diaphragm (117) (Column 7, lines 12-19; See Figure 3A).

With respect to claim 24, Oohata et al teaches wherein the substrate (111) comprises a silicon chip (Column 6, lines 61-63).

With respect to claim 26, Oohata et al teaches wherein the sensor (135A & 135B) comprises a piezo-resistive element (Column 6, line 67 – Column 7, line 5).

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With respect to claim 27, Oohata et al teaches wherein the substrate (111) has a first thickness; and the diaphragm (117) comprises a portion of the substrate (111) that has a second thickness thinner than the first thickness (See Figure 3A).

### Allowable Subject Matter

3. Claims 2-30 & 36-65 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

## Response to Arguments

- 4. Applicant's arguments, see Remarks pages 15-23, filed 10/03/2005, with respect to the rejection(s) of claim(s) 1-30 & 35-59 under 102(b) & 103(a) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn.

  However, upon further consideration, a new ground(s) of rejection is made in view of a newly found prior art reference.
- 5. Examiner requests the cancellation of the withdrawn claims 31-34.

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jermaine Jenkins whose telephone number is 571-272-2179. The examiner can normally be reached on Monday-Thursday 7am-530pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Lefkowitz can be reached on 571-272-2180. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jermaine Jenkins A.U. 2855

> MAX NOORI PRIMARY EXAMINER